

FIG. 1

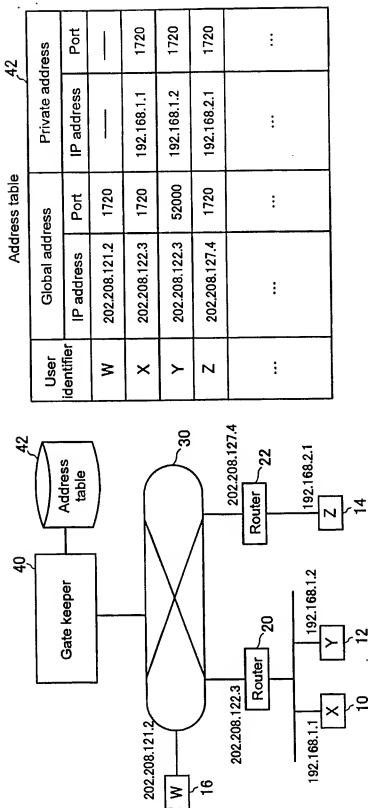


Fig. 2

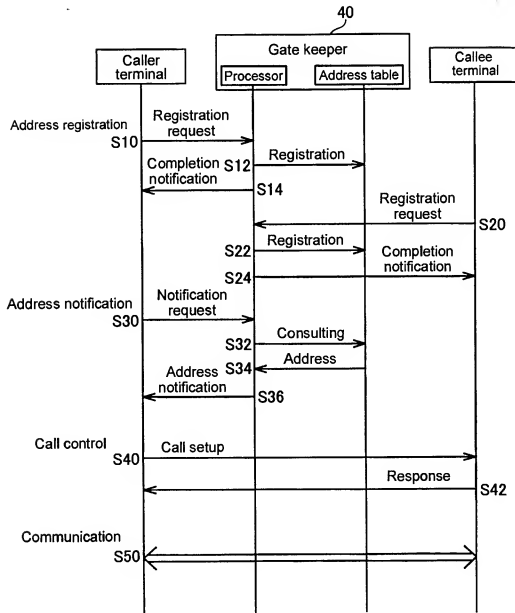


Fig. 3

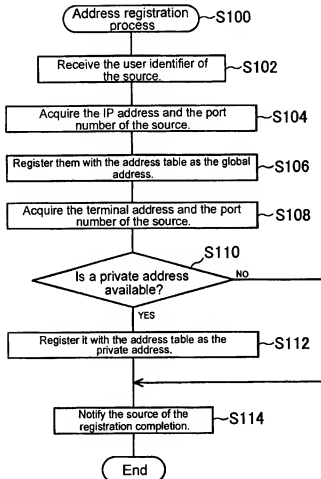


Fig. 4

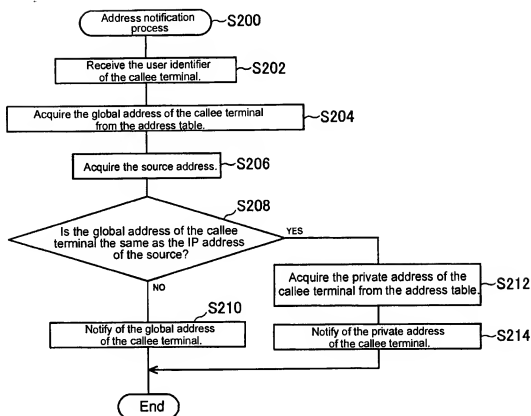


FIG. 5

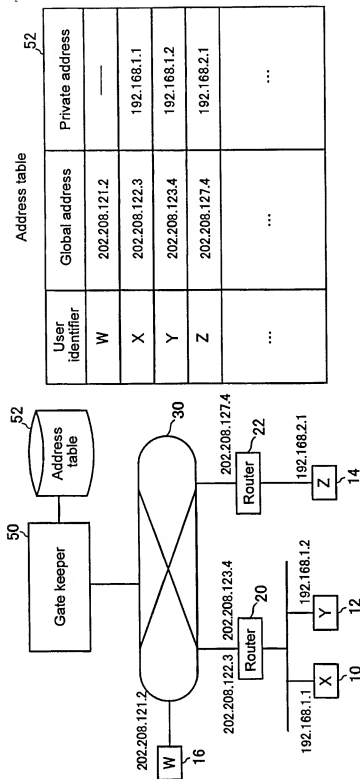
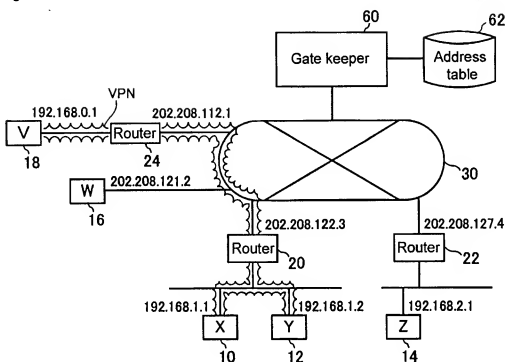


Fig.6



Address table

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User identifier	Global IP address	Grouping ID	Port	Private IP address
V	202.208.112.1	1	1720	192.168.0.1
W	202.208.121.2	null	1720	null
X	202.208.122.3	1	1720	192.168.1.1
Y	202.208.122.3	1	50020	192.168.1.2
Z	202.208.127.4	null	1720	192.168.2.1
...

Fig. 7

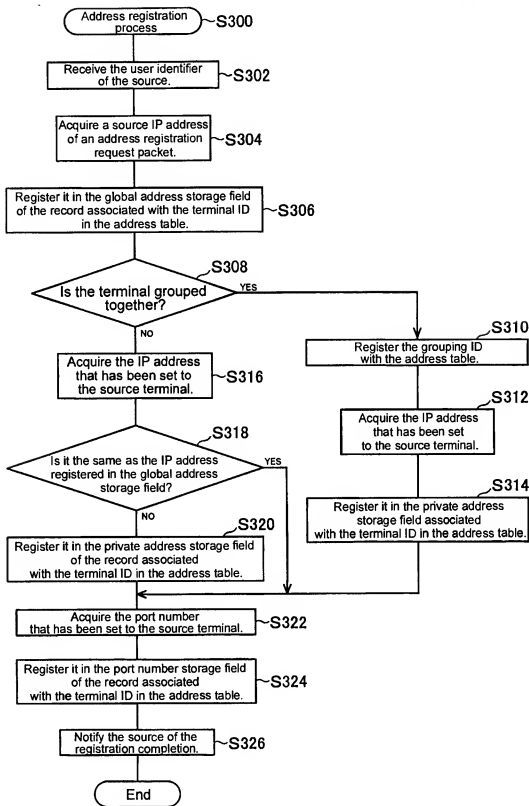


Fig. 8

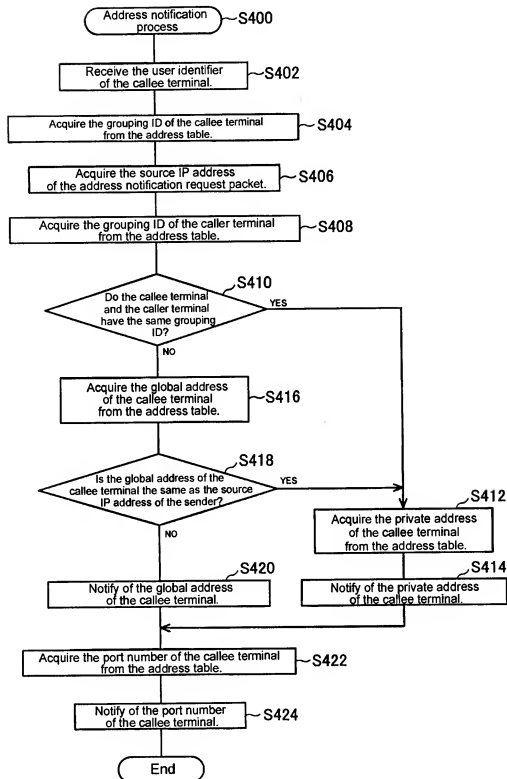


FIG. 9

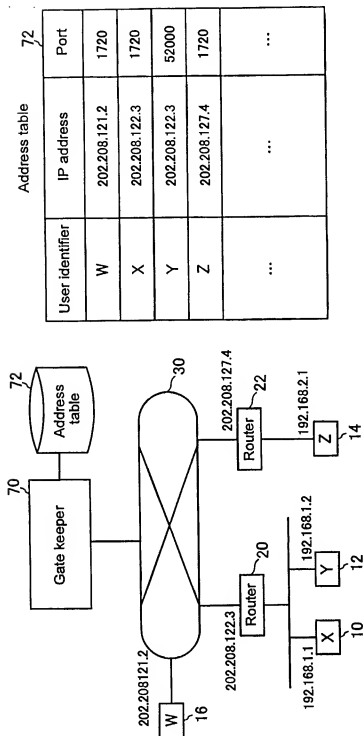
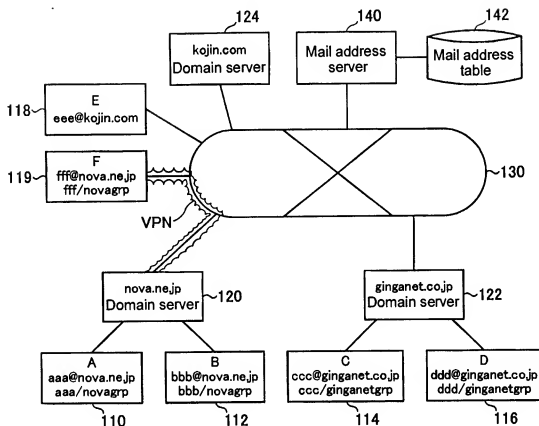


Fig. 10



Mail address table

User identifier	E-mail address	Internal mail address
A	aaa@nova.ne.jp	aaa/novagrps
B	bbb@nova.ne.jp	bbb/novagrps
C	ccc@ginganet.co.jp	ccc/ginganetgrp
D	ddd@ginganet.co.jp	ddd/ginganetgrp
E	eee@kojin.com	—
F	fff/nova.ne.jp	fff/novagrps
.....

Fig. 11

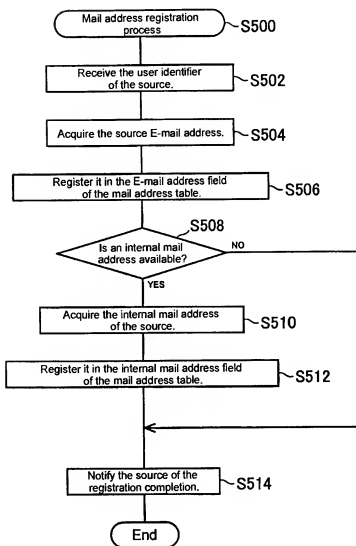


Fig.12

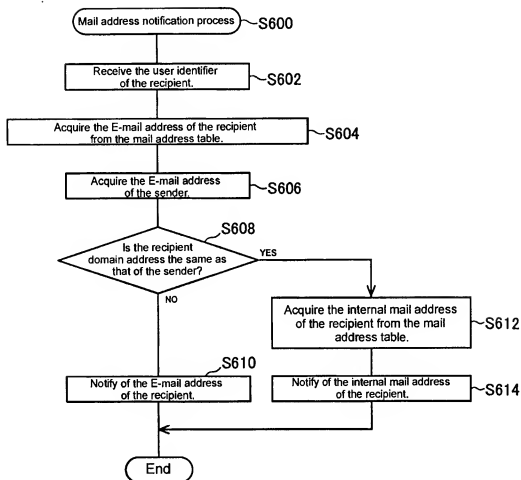
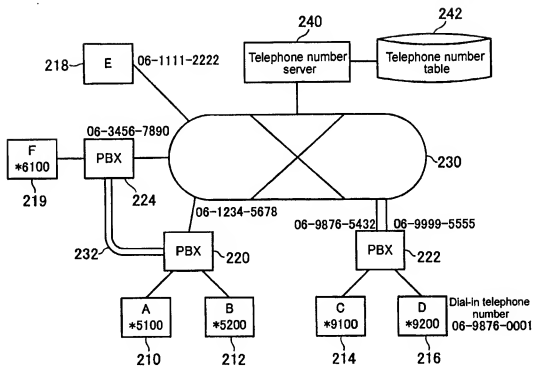


Fig.13



Telephone number table

User identifier	External telephone number	Grouping ID	Internal telephone number
A	06-1234-5678	1	*5100
B	06-1234-5678	1	*5200
C	06-5678-5432	2	*9100
D	06-9999-5555 or 06-9876-0001	2	*9200
E	06-1111-2222	null	—
F	06-3456-7890	1	*6100
....

Fig.14

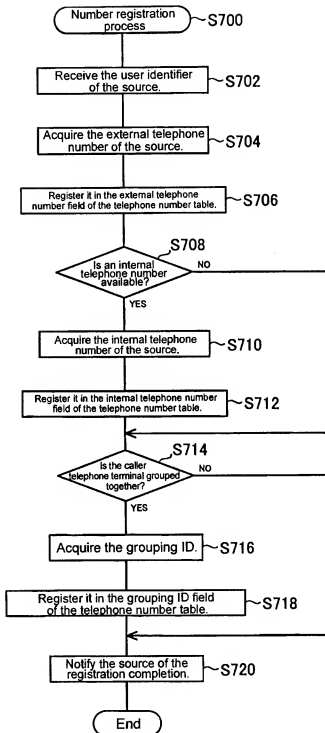


Fig. 15

